

(B) a protein having an amino acid sequence of SEQ. ID No. 2 in the Sequence

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A Listing, wherein the amino acid sequence includes substitution, deletion, insertion, addition or inversion of one or several amino acids and wherein the protein has an erythrose reductase activity.

9. (Amended) A protein shown in (C) or (D) below:

(C) a protein having an amino acid sequence of SEQ. ID No. 4 in the Sequence

Listing;

(D) a protein having an amino acid sequence of SEQ. ID No. 4 in the Sequence

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A Listing, wherein the amino acid sequence includes substitution, deletion, insertion, addition or inversion of one or several amino acids and wherein the protein has an erythrose reductase activity.

10. (Amended) A DNA encoding a protein shown in (C) or (D) below:

(C) a protein having an amino acid sequence of SEQ. ID No. 4 in the Sequence

Listing;

(D) a protein having an amino acid sequence of SEQ. ID No. 4 in the Sequence

Listing, wherein the amino acid sequence includes substitution, deletion, insertion, addition or inversion of one or several amino acids and wherein the protein has an erythrose reductase activity.

11. (Amended) The DNA as claimed in claim 10, wherein the DNA comprises one shown in (e) or (f) below:

(e) a DNA containing a base sequence comprising at least

nucleotides Nos. 1 to 399 out of the nucleotide sequence described in SEQ. ID No. 3 in the Sequence Listing.

AG
(f) a DNA hybridizing with a base sequence comprising at least nucleotides Nos. 1 to 399 out of the nucleotide sequence described in SEQ. ID No. 3 in the Sequence Listing or a probe prepared therefrom under a stringent condition and encoding a protein having an erythrose reductase activity.

13. (Amended) The DNA as claimed in claim 10, wherein the DNA comprises a DNA shown in (g) or (h) below:

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(g) a DNA containing a base sequence comprising at least nucleotides Nos. 408 to 1077 out of the nucleotide sequence described in SEQ. ID No. 3 in the Sequence Listing.

(h) a DNA hybridizing with a base sequence comprising at least nucleotides Nos. 408 to 1077 out of the nucleotide sequence described in SEQ. ID No. 3 in the Sequence Listing or a probe prepared therefrom under a stringent condition and encoding a protein having an erythrose reductase activity.

17. (Amended) A protein shown in (E) or (F) below:

AG
(E) a protein having an amino acid sequence of SEQ. ID No. 6 in the Sequence Listing;

(F) a protein having an amino acid sequence of SEQ. ID No. 6 in the Sequence Listing, wherein the amino acid sequence includes substitution, deletion, insertion, addition or inversion of one or several amino acids and wherein the protein has an erythrose reductase activity.

18. (Amended) A DNA encoding a protein shown in (E) or (F) below:

(E) a protein having an amino acid sequence of SEQ. ID No. 6 in the Sequence Listing;

(F) a protein having an amino acid sequence of SEQ. ID No. 6 in the Sequence Listing, wherein the amino acid sequence includes substitution, deletion, insertion, addition

or inversion of one or several amino acids and wherein the protein has an erythrose reductase activity.

19. (Amended) The DNA as claimed in claim 18, wherein the DNA comprises one shown in (i) or (j) below:

AS1
(i) a DNA containing a base sequence comprising at least nucleotides Nos. 1 to 399 out of the nucleotide sequence described in SEQ. ID No. 5 in the Sequence Listing.

(j) a DNA hybridizing with a base sequence comprising at least nucleotides Nos. 1 to 399 out of the nucleotide sequence described in SEQ. ID No. 5 in the Sequence Listing or a probe prepared therefrom under a stringent condition and encoding a protein having an erythrose reductase activity.

AS2
21. (Amended) The DNA as claimed in claim 18, wherein the DNA comprises a DNA shown in (k) or (l) below:

(k) a DNA containing a base sequence comprising at least nucleotides Nos. 408 to 1121 out of the nucleotide sequence described in SEQ. ID No. 5 in the Sequence Listing.

(l) a DNA hybridizing with a base sequence comprising at least nucleotides Nos. 408 to 1121 out of the nucleotide sequence described in SEQ. ID No. 5 in the Sequence Listing or a probe prepared therefrom under a stringent condition and encoding a protein having an erythrose reductase activity.

BASIS FOR THE AMENDMENT

The specification and Claims 1, 2, 9-11, 13, 17-19, and 21 have been amended to insert the proper sequence identifiers. No new matter is believed to be entered by this amendment.